## **CLAIMS**

Therefore, having thus described the invention, at least the following is claimed:

1	1. A support frame for an interactive display comprising:
2	a base element;
3	at least one support extending vertically from the base element; and
4	a positioning element housed within the at least one support, the
5	positioning element configured to receive the interactive display, wherein the
6	positioning element counterbalances the weight of the interactive display allowing
7	vertical repositioning of the interactive display with a force of less than about 25
8	pounds.
9	2. The support frame of claim 1, wherein vertical repositioning force ranges
10	from about 1.0 ounce to about 3 pounds.
11	3. The support frame of claim 1, further comprising a plurality of mobile
12	elements mounted on the base element.
1	4. The support frame of claim 1, wherein the vertical positioning element
2	comprises a hydraulic or pneumatic device.
1	5. The support frame of claim 4, wherein the hydraulic or pneumatic device
2	comprises a gas spring.
1	6. The support frame of claim 1, further comprising an interactive display
2	mounted thereon.
3	
1	7. The support frame of claim 1, further comprising a plurality of vertical
2	supports.

1	8.	The support frame of claim 7, wherein at least one horizontal support
2	connects at le	east two of the plurality of vertical supports.
1	9.	The support frame of claim 6, wherein the interactive display is selected
2	from the grou	up consisting of an electronic whiteboard, a touch-sensitive display, rear-
3	projection dis	splay, laser tracking display, sonic tracking display, optical capture display,
4	television, pl	asma display, LCDs, and displays which use oil-filled capsules in which
5	particles of t	itanium dioxide are suspended.
1	10.	The support frame of claim 1, further comprising a power source secured
2	to the suppor	t frame.
1	11.	The support frame of claim 10, wherein the power source is rechargeable.
1	10	The gramment frame of claims 10 with ancient has necessary account of the second of th
1	12.	The support frame of claim 10, wherein the power source comprises a
2	battery.	
1	13.	The support frame of claim 12, wherein the battery is rechargeable.
•	13.	The support number of claim 12, wherein the outlory is recharged.
1	14.	The support frame of claim 11, wherein the power source includes a
2	recharger.	•
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1	15.	The support frame of claim 10, wherein the power source includes a power
2	cord for recha	arging.
3		
4	16.	The support frame of claim 10, wherein the power supply includes a
5	power level is	ndicator.
6	17.	The support frame of claim 16, wherein the power level indicator is
7	positioned to	be viewed from the front of the support frame.

1	18.	A support frame for an interactive display comprising:
2		a base element;
3		a support extending vertically from the base element configured to receive
4	an interactiv	e display; and
5		a power source affixed to the support frame for powering the interactive
6	displ	ay.
1	19.	The support frame of claim 18, further comprising a plurality of mobile
2	elements mo	ounted on the base element.
1	20.	The support frame of claim 18, wherein the support comprises a vertical
2	positioning e	element.
1	21.	The support frame of claim 20, wherein the vertical positioning element
2	provides suf	ficient force to counterbalance the weight of the interactive display.
1	22.	The support frame of claim 21, wherein a vertical force of less than about
2	25 pounds re	epositions the interactive display.
1	23.	The support frame of claim 21, wherein a vertical force of about 1.0 ounce
2	to about 3 pc	ounds repositions the interactive display.
1	24.	The support frame of claim 21, wherein the vertical positioning element
2	comprises a	hydraulic or pneumatic device.
1	25.	The support frame of claim 18, further comprising an interactive display.
1	26.	The support frame of claim 18, further comprising a plurality of vertical
2	supports.	

1	27.	The support frame of claim 26, wherein at least one horizontal support
2	connects at le	east two of the plurality of vertical supports.
1	28.	The support frame of claim 18 wherein the newer serves is recharged to
1	20.	The support frame of claim 18, wherein the power source is rechargeable.
1	29.	The support frame of claim 18, wherein the power source comprises a
2	battery.	
1	30.	The support frame of claim 29, wherein the battery is rechargeable.
1	31.	The support frame of claim 18, wherein the power source includes a
2	recharger.	
1	32.	The support frame of claim 18, wherein the power source includes a power
2	cord for rech	
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1	33.	The support frame of claim 25, wherein the interactive display is selected
2	from the grou	up consisting of an electronic whiteboard, a touch-sensitive display, rear-
3	projection dis	splay, laser tracking display, sonic tracking display, optical capture display,
4	televisions, p	lasma display, LCDs, and displays which use oil-filled capsules in which
5	particles of t	itanium dioxide are suspended.
1	34.	An interactive display system comprising:
2	<i>3</i>	an interactive display mounted onto a support frame, the support frame
3	comprising:	an interactive diopial incumed onto a support frame, the support frame
4	1 0	a base;
5		a positioning element extending vertically from the base
6	configured to	receive the interactive display; and
7		a power source affixed to the base or support for powering the
8	interactive d	isplay.

1	35.	The interactive display system of claim 34, further comprising a plurality
2	of mobile ele	ements mounted on the base.
1	36.	The interactive display system of claim 34, wherein the positioning
2	element prov	ides sufficient force to counterbalance the weight of the interactive display
3	and allow ve	rtical repositioning of the interactive display.
1	37.	The interactive display system of claim 36, wherein the interactive display
2	is repositione	ed with less than about 25 pounds of force.
1	38.	The interactive display system of claim 36, wherein the interactive display
2	is repositione	ed with about 1.0 ounces to about 3 pounds of force.
1	39.	The interactive display of claim 34, wherein the positioning element
2	comprises a l	nydraulic or pneumatic piston.
1	40.	The interactive display of claim 34, wherein the interactive display is
2	selected from	the group consisting of an electronic whiteboard, a touch-sensitive display,
3	rear-projection	on display, laser tracking display, sonic tracking display, optical capture
4	display, televisions, plasma display, LCDs, and displays which use oil-filled capsules in	
5	which particl	es of titanium dioxide are suspended.
1	41.	The interactive display system of claim 34, further comprising a projector
2	for projecting	g an image onto a surface of the interactive display.
1	42.	The interactive display system of claim 41, wherein the surface is a touch-
2	sensitive surf	ace.
1	43.	The interactive display system of claim 34, further comprising a computer
2	in communic	ation with the interactive display.

1	44.	The interactive display system of claim 34, wherein the power source is
2	rechargeable.	
1	45.	The interactive display system of claim 34, wherein the power source
2	comprises a b	attery.
1	46.	The interactive display system of claim 45, wherein the battery is
2	rechargeable.	
1	47.	The interactive display system of claim 34, wherein the power source
2	includes a rec	harger.
1	48.	The interactive display system of claim 34, wherein the power source
2	includes a pov	wer cord for recharging.
1	49.	A support frame for a interactive display comprising:
2		a base having positionable first and second arms;
3		mobile elements mounted to the first and second arms; and
4		a vertically adjustable support extending from the base configured to
5	receive an inte	eractive display.
1	50.	The support frame of claim 49, wherein the first and second arms of the
2	base element	collapse towards the support.
1	51.	The support frame of claim 49, further comprising a power source
2	mounted to th	e support frame.
1	52.	The support frame of claim 51, wherein the power source is rechargeable.
1	53.	The support frame of claim 51, wherein the power source comprises a
2	battery.	

cord for recharging.  57. The support frame of claim 49, wherein the vertically adjustable support provides sufficient force to counterbalance the weight of the interactive display and repositioning of the interactive display.  58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selected from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in whice particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:	1	54.	The support frame of claim 53, wherein the battery is rechargeable.	
1 56. The support frame of claim 51, wherein the power source includes a proof cord for recharging.  1 57. The support frame of claim 49, wherein the vertically adjustable support provides sufficient force to counterbalance the weight of the interactive display and repositioning of the interactive display.  1 58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  1 59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  1 60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  1 61. The support frame of claim 49, wherein the interactive display is select from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in whice particles of titanium dioxide are suspended.  1 62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, when the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	55.	The support frame of claim 51, wherein the power source includes a	
cord for recharging.  57. The support frame of claim 49, wherein the vertically adjustable support provides sufficient force to counterbalance the weight of the interactive display and repositioning of the interactive display.  58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	recharger.		
1 57. The support frame of claim 49, wherein the vertically adjustable supp provides sufficient force to counterbalance the weight of the interactive display and repositioning of the interactive display.  1 58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  1 59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  1 60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  1 61. The support frame of claim 49, wherein the interactive display is selected from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  1 62. An electronic whiteboard system comprising:  2 a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	56.	The support frame of claim 51, wherein the power source includes a power	
provides sufficient force to counterbalance the weight of the interactive display and repositioning of the interactive display.  58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard system comprising:  a electronic whiteboard is mounted on a mobile support frame, the mobile support	2	cord for recha	arging.	
repositioning of the interactive display.  58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	57.	The support frame of claim 49, wherein the vertically adjustable support	
1 58. The support frame of claim 57, wherein interactive display is repositive with less than about 25 pounds of force.  1 59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  1 60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  1 61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  1 62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	provides suff	icient force to counterbalance the weight of the interactive display and allow	
with less than about 25 pounds of force.  59. The support frame of claim 57, wherein the interactive display is repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	3	repositioning of the interactive display.		
1 59. The support frame of claim 57, wherein the interactive display is 2 repositioned with about 1.0 ounce to about 3 pounds of force.  1 60. The support frame of claim 49, wherein the adjustable vertical support 2 comprises a hydraulic or pneumatic piston.  1 61. The support frame of claim 49, wherein the interactive display is selected from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  1 62. An electronic whiteboard system comprising: 2 a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	58.	The support frame of claim 57, wherein interactive display is repositioned	
repositioned with about 1.0 ounce to about 3 pounds of force.  60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture disputelevisions, plasma display, LCDs, and displays which use oil-filled capsules in whice particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, where the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	with less than	about 25 pounds of force.	
1 60. The support frame of claim 49, wherein the adjustable vertical support comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selected from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	59.	The support frame of claim 57, wherein the interactive display is	
comprises a hydraulic or pneumatic piston.  61. The support frame of claim 49, wherein the interactive display is selection the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in whice particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	repositioned	with about 1.0 ounce to about 3 pounds of force.	
1 61. The support frame of claim 49, wherein the interactive display is selected from the group consisting of an electronic whiteboard, a touch-sensitive display, read projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	60.	The support frame of claim 49, wherein the adjustable vertical support	
from the group consisting of an electronic whiteboard, a touch-sensitive display, rear projection display, laser tracking display, sonic tracking display, optical capture disp televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	comprises a h	ydraulic or pneumatic piston.	
projection display, laser tracking display, sonic tracking display, optical capture display televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  An electronic whiteboard system comprising:  a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	61.	The support frame of claim 49, wherein the interactive display is selected	
televisions, plasma display, LCDs, and displays which use oil-filled capsules in which particles of titanium dioxide are suspended.  62. An electronic whiteboard system comprising: a electronic whiteboard having a wireless communication device, who the electronic whiteboard is mounted on a mobile support frame, the mobile support	2	from the grou	p consisting of an electronic whiteboard, a touch-sensitive display, rear-	
particles of titanium dioxide are suspended.  An electronic whiteboard system comprising: a electronic whiteboard having a wireless communication device, who makes the electronic whiteboard is mounted on a mobile support frame, the mobile support	3	projection display, laser tracking display, sonic tracking display, optical capture display		
1 62. An electronic whiteboard system comprising: 2 a electronic whiteboard having a wireless communication device, who 3 the electronic whiteboard is mounted on a mobile support frame, the mobile support	4	televisions, plasma display, LCDs, and displays which use oil-filled capsules in which		
2 a electronic whiteboard having a wireless communication device, who 3 the electronic whiteboard is mounted on a mobile support frame, the mobile support	5	particles of the	itanium dioxide are suspended.	
3 the electronic whiteboard is mounted on a mobile support frame, the mobile support	1	62.	An electronic whiteboard system comprising:	
TI , and the second	2		a electronic whiteboard having a wireless communication device, wherein	
4 frame comprising:	3	the electronic whiteboard is mounted on a mobile support frame, the mobile support		
	4	frame comprising:		

5		a wheeled base element; and
6		a pneumatic or hydraulic positioning element extending vertically
7	from the base	element configured to receive the electronic whiteboard and provide
8	sufficient force	ce to counterbalance the weight of the electronic whiteboard to maintain the
9	electronic wh	iteboard at a desired vertical position.
1	63.	The electronic whiteboard system of claim 62, further comprising a power
2	source affixed	to the support frame for powering the electronic whiteboard.
1	64.	The electronic whiteboard system of claim 63, wherein the power source is
2	rechargeable.	
1	65.	The electronic whiteboard system of claim 63, wherein the power source
2	comprises a b	attery.
1	66.	The electronic whiteboard system of claim 65, wherein the battery is
2	rechargeable.	
1	67.	The electronic whiteboard system of claim 63, wherein the power source
2	includes a rec	harger.

1	68.	The electronic whiteboard system of claim 62, further comprising a	
2	projector for projecting an image on a touch-sensitive surface of the electronic		
3	whiteboard.		
1	69.	The electronic whiteboard system of claim 62, wherein the positioning	
2	element is ho	bused within a vertical support.	
1			
1	70.	A support stand comprising:	
2		a base element;	
3		at least one support extending vertically from the base element; and	
4	a positioning means configured to receive an interactive display, wherein the positioning		
5	means counte	erbalances the weight of the interactive display allowing vertical	
6	repositioning	of the touch-sensitive display with a force of less than about 25 pounds.	
1	71.	The support stand of claim 70, wherein the interactive display is selected	
2	from the grou	up consisting of an electronic whiteboard, a touch-sensitive display, rear-	
3	_	splay, laser tracking display, sonic tracking display, optical capture display,	
4		lasma display, LCDs, and displays which use oil-filled capsules in which	
5		itanium dioxide are suspended.	
		-	
1	72.	The support stand of claim 70, further comprising a rechargeable means	
2	for supplying	power to the interactive display.	
3			